CLAIMS

1. A solid electrolytic capacitor comprising:

a porous sintered body of metal particles or conductive ceramic particles;

an anode partially inserted in the porous sintered body;

a first and a second anode terminals provided by portions of the anode which project from the porous sintered body; and

a cathode formed on an obverse surface of the porous sintered body;

wherein circuit current flows from the first anode terminal toward the second anode terminal through the porous sintered body.

2. The solid electrolytic capacitor according to claim 1, wherein the anode comprises a plurality of anode wires.

3. The solid electrolytic capacitor according to claim 1, wherein the anode comprises an anode wire having opposite ends projecting from the porous sintered body; and

wherein the first and the second anode terminals are provided by the opposite ends.

4. The solid electrolytic capacitor according to claim 1, wherein the porous sintered body is made of niobium particles or niobium oxide particles.

5. The solid electrolytic capacitor according to claim 1, wherein the porous sintered body is in a form of a flat plate.

6. The solid electrolytic capacitor according to claim 5, wherein the porous sintered body includes a side surface standing in a thickness direction; and

wherein the first and the second anode terminals project from the side surface.

7. The solid electrolytic capacitor according to claim 5, wherein the porous sintered body includes at least two side surfaces standing in a thickness direction; and

wherein the first and the second anode terminals project from the different side surfaces.

8. The solid electrolytic capacitor according to claim 5, wherein the anode is flat in section.

9. The solid electrolytic capacitor according to claim 1, wherein the porous sintered body is columnar or prismatic.

10. The solid electrolytic capacitor according to claim 1, wherein the first anode terminal is higher in equivalent series inductance than the second anode terminal.

11. The solid electrolytic capacitor according to claim 1, further comprising a first and a second cathode terminals

electrically connected to the cathode, wherein circuit current flows from the first cathode terminal toward the second cathode terminal through the cathode.

12. The solid electrolytic capacitor according to claim 11, wherein the first cathode terminal is higher in equivalent series inductance than the second cathode terminal.

13. The solid electrolytic capacitor according to claim 1, wherein the cathode includes a pair of metal members sandwiching the porous sintered body.

14. The solid electrolytic capacitor according to claim 13, wherein at least one of the paired metal members comprises a metal case accommodating the porous sintered body.

15. The solid electrolytic capacitor according to claim 13, wherein conductive material intervenes between the paired metal members and the porous sintered body.

16. A solid electrolytic capacitor comprising:

a porous sintered body of metal particles or conductive ceramic particles;

an anode partially inserted in the porous sintered body; and

a cathode formed on an obverse surface of the porous sintered body;

wherein the capacitor further comprises a first and a second cathode terminals electrically connected to the cathode, and wherein circuit current flows from the first cathode terminal toward the second cathode terminal through the cathode.

17. An electric circuit utilizing a solid electrolytic capacitor which comprises a porous sintered body of metal particles or conductive ceramic particles, an anode partially inserted in the porous sintered body, a first and a second anode terminals provided by the anode, and a cathode;

wherein circuit current flows from the first anode terminal toward the second anode terminal.